The top 100 institutions had considerably more S&E research space than any other type of institution (see Table 1-1, page 1-4); and they were generally more likely to indicate that the existing amount of S&E research space was inadequate. The two exceptions were in mathematics and psychology, fields in which more nondoctorate-granting than doctorate-granting institutions rated S&E research space as inadequate.

In four fields, over half of the top 100 institutions reported inadequate amounts of S&E research space: engineering (55 percent); the medical sciences in medical schools (55 percent); the physical sciences (51 percent); and the biological sciences outside of medical schools (51 percent).

What Was the Condition of S&E Research Space?

Of the S&E research space at institutions (see Table 1-1, page 1-4), 26 percent (33 million NASF) of the S&E research space at universities and colleges was rated "suitable for use in the most scientifically sophisticated research." Twenty-seven percent of the S&E research space at both categories of doctorate-granting institutions was rated this way, and 16 percent of the S&E research space at nondoctorate-granting institutions was rated this way (Table 2-2).

Table 2-2. Institutional assessment of quality/condition of science and engineering research facilities by institution type: 1994
[Percentage of space]

Institution type	*Suitable for use in most scientifically sophisticate research*	*Effective for most uses, but not most sophisticate*	*Needs limited repair/ renovation*	*Requires major repair/ renovation*	*Requires replacement*	*Total*
Total	26	33	23	13	4	100
Doctorate-granting	27	32	23	13	4	100
Top 100 in research expenditures	27	32	23	13	5	100
Other	27	35	23	12	2	100